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SPECIES LIST FOR THE CENTRAL IDAHO TIMBERLANDS

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SPECIES LIST FOR THE CENTRAL IDAHO TIMBERLANDS

Introduction

A species list has been compiled for the Central Idaho Timberlands to aid in plant identification primarily by land managers. Considerable work on vegetation studies has been done in this area in the last few years and needs to be continued if knowledge of vegetation is to keep up with the demands of wild land management.

Central Idaho is predominantly timberlands. In this mountainous area timber types cover from one-third of the land area along the southern edge to over three-fourths in the northern portion.

Confines of the Study Area

The specific area of application of the species list includes the Central Idaho mountains from the Snake River on the west to the Lemhi River on the east and south of the Salmon River Canyon to the Snake River plains.

Source of Information

The species list represents plant collections made in the Central Idaho Area mostly over the past 20 years. The Habitat Type Study[1] was the main source of material. This study was under the leadership of Dr. Robert D. Pfister of the Intermountain Forest and Range Experiment Station. Robert Steele and Jay A. Kittams were field crew leaders. The author acted as plant taxonomist.

Other sources were from the "Sawtooth Mountain Area Study, 1964 (Ecology and Vegetation[2]. Collections from the White Cloud Mountains by the author in 1967 and by Edward F. Schlatterer in 1971 and 1972.

Full use was made of the Intermountain Forest Service Herbarium at Ogden. The author verified plant identifications at the Intermountain Herbarium at Utah State University, Logan, Utah. The curator, A. H. Holmgren, furnished aid where needed, and particularly with the grasses. Dr. Noel Holmgren, of the New York Botanical Gardens, checked most of the Castilleja.

Organization of Species

The species are listed by families in the sequence used by Hitchcock et al in "Vascular Plants of the Northwest." Each species is listed according to abundance, specific habitat, and distribution within the habitat type series. Because each series includes a number of habitat types, specific habitat information was needed. The first and last columns show where plant species extend into continguous areas. In addition, the last column includes plants that are common to the WBP-Alpine complex. This complex has scattered white bark pine on the ridges and slopes with alpine occurring in the soil pockets. Much of the area is taken up by bare rock and stony slopes.

1/"Preliminary Forest Habitat Types of the Boise and Payette National Forests, May 1973" by Robert D. Pfister et al of the Intermountain Forest and Range Experiment Station and Region 4 - Mimeograph copy.

2/Sawtooth Mountain Area Study, Idaho. Ecology and Vegetation by Lewis and Riegelhuth, 1964.

In addition to the plants on the species list, the following mosses were removed from the roots of plants and identified, and are a part of the collection:

2843a - Aulacomnium palustre - taken from roots of Senecio pseudoaureus
2865a - Bryum pseudotriquetrum - taken from roots of Carex illota
2794a - Campylium polygonum (BSG) taken from roots of Cassiope mertensianus
2936a - Mniobryum wahlenbergii - taken from roots of Montia cordifolia

(E), (N), (W) - indicates what part of the study area this plant was found.

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
SELAGINELLACEAE - Selaginella F.									
Selaginella wallacei Hieron.		Rocky slopes & ledges	x	x	x				
EQUISETACEAE - Horsetail F.									
Equisetum arvense L.	Occas	Damp, often shady			x		x		
POLYPODIACEAE - Fern F.									
Athyrium distentifolium Tausch	Occas	Rock crevices & streams					x		
Cystopteris fragilis (L.) Bernh.	Occas	Mod. dry sites, timber&open	x		x				
Pteridium aquilinum (L.) Kuhn	Occas	Moist to dry sites		x	x	x			
CUPRESSACEAE - Cypress F.									
Juniperus communis L. var. montana Ait.	Occas	Dry meadow, moist, cool			x		x		
PINACEAE - Pine F.									
Abies grandis (Dougl.) Forbes		(W) Cool-moist				x			
A. lasiocarpa (Hook.) Nutt.	Abun	Cold-wet to cold moist					x		
Larix occidentalis Nutt.	Occas	(W) Cool moist			x		x		
Picea engelmannii Parry	Common	Cold-wet or moist					x		
Pinus albicaulis Engelm.	Common	Cold-moist					x		x
P. contorta Dougl. var. latifolia Engelm.	Abun	Warm-dry to cold-wet			x	x	x	x	
P. flexilis James	Occas	Cold-moist						x	
P. ponderosa Dougl.	Common	Warm dry to cool moist		x	x				
Pseudotsuga menziesii(Mirb.)Franco var. glauca (Beissn.) Franco	Abun	Warm-dry to cool moist		x	x	x	x		
JUNCACEAE - Rush F.									
Juncus balticus Willd. var. montanus Engelm.	Occas	Damp to wet sites					x		
J. bufonius L.	Occas	Road drain, damp		x					
J. confusus Cov.	Occas	Moist sites		x			x		
J. drummondii E. Meyer	Freq	Open slopes & meadows					x		x
J. ensifolius Wikst. var. ensifolius	Freq	Moist to wet sites				x	x		
var. montanus (Engelm.)Hitchc.	Occas	Wet riverbank		x					
J. longistylis Torr.	Infre	Moist sites		x					
J. mertensianus Bong.	Freq	Wet meadow, woodl. streamside					x		x

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Juncus nevadensis Wats. var. badius (Suksd.) Hitchc.	Occas	Wet site, streamsides	x	x					
J. parryi Engelm.	L Com	Open slope & open timber					x		x
J. regelii Buch.	Freq	Wet seeps & meadows			x		x		
J. tenuis Willd.	Occas	Streamedge		x					
Luzula campestris (L.) DC. var. multiflora (Ehrh.) Celak.	Occas	Open and timber sites			x		x	x	
L. hitchcockii Hamet-Ahti	L Abun	Upper forests & slopes					x		x
L. spicata (L.) DC.	Occas	High, open sites							x
CYPERACEAE - Sedge F.									
Carex amplifolia Boott	Occas	Timber area streamside					x		
C. angustior Mack.	Occas	Streams & meadows						x	
C. aquatilis Wahl.	Occas	Open meadows		x			x	x	
C. athrostachya Olney	Occas	Open meadow		x				x	
C. aurea Nutt.	L Freq	Meadow & seeps						x	
C. backii Boott	Occas	Brushy shade	x	x					
C. brunnescens (Pers.) Poir.	L Freq	Wet streamside				x	x		
C. canescens L.	L Abun	Wet meadows & drains						x	
C. concinnoides Mack.	Freq	Cool, damp timber			x				
C. crawfordii Fern.	Infreq	Meadows						x	
C. cusickii Mack.	Freq	Timber meadows					x	x	
C. deweyana Schw.	Occas	Wet sites		x			x		
C. disperma Dewey	L Abun	Shady bogs					x		
C. ebenea Rydb.	Infreq	Streamside meadow					x		
C. eleocharis L. H. Bailey	Infreq	Sagebrush phase			x				
C. elynoides Holm	Common	Alpine tundra							x
C. engelmannii Bailey	Occas	Dry slopes					x		x
C. filifolia Nutt.	Infreq	Open LPP - Sawtooth Valley						x	
	Common	Sage-grass type-Salmon N.F.	x		x				
C. geyeri Boott	Common	Dry-warm to cold moist		x	x	x	x	x	
C. hallii Olney	L Abun	Dry meadow, sagebrush zone	x						
C. hassei Bailey	Occas	Wet sites		x	x				
C. heteroneura W. Boott var. epapillosa(Mack.) F.J.Herm.	Freq	Dry meadow, tall forb types					x		
C. hoodii Boott	Occas	Open forests & damp meadow		x	x		x	x	
C. illota L. H. Bailey	Occas	Wet meadow					x		
C. interior L. H. Bailey	L Abun	Streamside meadows						x	
C. jonesii L. H. Bailey	Occas	Meadows					x	x	
C. lanuginosa Michx.	Occas	Riverside		x					
C. lenticularis Michx.	Freq	Stream & river edge		x			x		
C. leporinella Mack.	L Abun	Wet meadow					x	x	
C. limnophila F. J. Herm.	Freq	Riverbanks, damp timbersites		x			x		
C. luzulina Olney	Freq	Streamsides, open conifer					x		
C. mariposana Bailey	Infreq	Meadow (Challis N.F.)						x	
C. media R. Br.	Infreq	Streamsides & boggy areas					x	x	

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Carex mertensii Prescott	Freq	(W) Road clearing					x		
C. microptera Mack.	Freq	Open meadows		x			x	x	
C. multicostata Mack.	Freq	Open dry to damp sites		x		x	x		
C. neurophora Mack.	Infreq	Wet to damp sites					x		
C. nigricans C. A. Mey.	Occas	Subalpine meadows					x		x
C. pachystachya Cham.	Freq	Open slopes & AF/CACA type					x		
C. paysonis Clokey	Common	Open benches & slopes					x		x
C. pelocarpa F. J. Herm.	Occas	Rocky alpine slopes							x
C. petasata Dewey	Occas	ARTR phase		x	x				
C. phaeocephala Piper	Occas	Cushion plant community							x
C. praeceptorum Mack.	Occas	Wet meadows					x		x
C. praticola Rydb.	Occas	Wet to damp sites, open					x		
C. preslii Steud.	Infreq	Damp cove					x		
C. prionophylla Holm	Infreq	Meadows					x	x	
C. pyrenaica Wahl.	Occas	Open rocky slopes					x		
C. pseudoscirpoidea Rydb.	Occas	Dry meadows & open slopes							x
C. raynoldsii Dewey	Freq	Open slopes - East Idaho						x	
C. rossii Boott	Freq	Warm-dry to cold damp		x	x	x	x	x	
C. rostrata Stokes	L Abun	Shallow ponds & meadows						x	
C. saxatilis L. var. major Olney	Occas	Depressions in meadow						x	x
C. scopulorum Holm	Freq	Cold-wet timber					x		
C. sheldonii Mack.	L Com	Wet site Lost Val. Res. Payette						x	
C. simulata Mack.	Infreq	Meadows						x	
C. sitchensis Prescott	Infreq	Very wet site, Lost Val. Res.						x	
C. stipata Muhl.	Occas	Wet site		x				x	
C. straminiformis L. H. Bailey	Occas	Rocky slopes, rock crevices					x		x
C. subfusca W. Boott	Freq	Damp sites		x			x		
C. vesicaria L.	L Abun	Lake edge & riverbanks						x	
GRAMINEAE - Grass F.									
Agropyron scribneri Vasey	Infreq	Rocky peak							x
A. spicatum (Pursh.)Scrib.& Smith var. spicatum	Freq Common	Warm-dry sites	x	x	x				
var. inerme Scrib. & Smith	Freq	Warm-dry sites	x	x	x				
A. subsecundum Link		ARTR phase			x				
A. trachycaulum Malte	Occas	Damp sites						x	
Agrostis humilis Vasey	L Abun	Meadows					x		x
A. scabra Willd.	Occas	Moist sites					x		
Alopecurus pratensis L.	Infreq	Meadow						x	
Arrhenatherum elatius (L.) Presl.	Infreq	Damp site			x				
Bromus marginatus Nees	Occas	Dry-damp open & wooded sites				x		x	
B. polyanthus Scribn.	Occas	Dry-damp open & wooded sites			x	x		x	
B. tectorum L.	Occas	Disturbed sites	x	x	x				
B. vulgaris (Hook.) Shear	Occas	(W) Wooded areas				x	x		

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Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Calamagrostis canadensis (Michx.) Beauv. var. acuminata Vasey	Freq	Damp woods					x		
var. pallida (Vasey & Scribn.) Steb.	Common	Wooded, damp to wet					x		
C. neglecta (Ehrh.) Gaertn.	Occas	Dry meadow						x	
C. rubescens Buckl.	Freq	Cool-moist sites			x	x	x	x	
Cinna latifolia (Trevir.) Griseb.	Infreq	Wet sites					x		
Danthonia intermedia Vasey	Occas	Dry meadow					x	x	
Deschampsia atropurpurea (Wahl.) Scheele	Occas	Wet meadow					x		x
D. caespitosa (L.) Beauv.	Freq	Wet meadow					x		x
D. elongata (Hook.) Munro	Occas	Damp sites				x		x	
Elymus cinereus Scribn. & Merrill	Occas	Deep soils, warm-dry	x	x	x				
E. glaucus Buckl.	Occas	Open timber & slopes				x	x		
Festuca idahoensis Elmer	Common	Dry-warm to cool-moist	x	x	x		x	x	
F. occidentalis Hook.	Infreq	Cool-moist sites				x			
F. ovina L. ssp. brachyphylla Piper	Freq	Open rock slope, alpine tundra							x
Glyceria borealis (Nash) Batch.	Infreq	Cold-wet sites					x		
G. elata (Nash) M. E. Jones	Occas	Damp canyon bottom					x		
G. striata (Lam.) A.S.Hitchc.	Freq	Meadow and bogs					x		
Hordeum brachyantherum Nevski	Infreq	Meadow						x	
Koeleria cristata Pers.	Occas	Warm-dry to cool-moist	x		x			x	
Leucopoa kingii (S. Wats.) Weber	Occas	Warm-dry sites	x	x					
Melica bulbosa Geyer	Occas	Open woods & slopes		x	x	x	x		
M. fugax Bolander	Infreq	(W) Dry woods		x	x				
M. spectabilis Scribn.	Occas	Meadow						x	
Muhlenbergia filiformis (Thurb.) Rydb.	Occas	Open woods & meadows				x	x		
Oryzopsis exigua Thurb.	Occas	Sagebrush phase	x		x				
Phleum alpinum L.	Occas	Meadows					x	x	
Poa ampla Merr.	Occas	Sagebrush phase			x				
P. cusickii Vasey	Occas	Dry sites	x					x	
P. epilis Scribn.	Freq	Cold-moist sites						x	x
P. gracillima Vasey	Occas	Open slopes						x	
P. nervosa (Hook.) Vasey	Freq	Open woods and slopes		x	x		x		
P. nevadensis Vasey	Occas	Open woods, open slopes	x	x	x				
P. pratensis L.	Occas	Damp sites			x				
P. reflexa Vasey & Scribn.	Infreq	Woods				x			
P. sandbergii Vasey	Freq	Open areas & open woods	x	x	x		x		x
P. scabrella (Thurb.) Benth.	Infreq	Sagebrush phase			x				
P. trivialis L.	Infreq	Moist woods							
Sitanion hystrix (Nutt.) J.G. Smith		Open sites & open woods	x	x	x		x		x
Stipa columbiana Macoun	Occas	Open woods		x	x				
S. lettermanii Vasey	Occas	Open site - dry to moist			x		x		
S. occidentalis Thurb.	Occas	Open sites	x		x				
S. thurberiana Piper	Freq	Dryer sites, open wood opening	x	x	x		x	x	

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Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Trisetum canescens Buckl.	Infreq	(W) Damp sites		x	x				
T. cernuum Buckl.	L Freq	(W) Moist woods					x		
T. spicatum (L.) Richter	Freq	Open woods, open slopes					x		x
LILIACEAE - Lily F.									
Allium acuminatum Hook.	Occas	Warm-dry sites	x	x	x				
A. bisceptrum Wats.	Infreq	Warm-dry sites	x	x					
A. brandegei Wats.	L Abun	Open slopes					x		x
A. validum Wats.	Infreq	Wet meadows						x	x
Brodiaea douglasii Wats.	Occas	Open woods			x				
Calochortus elegans Pursh	Infreq	Open woods & open slopes			x		x		
C. eurycarpus S. Wats.	Occas	Dry to moist openings&Slopes			x	x	x		
C. nitidus Dougl.	Infreq	Open sites					x		
Clintonia uniflora(Schult.) Kunth	Occas	(W) Productive timber areas				x	x		
Disporum trachycarpum (S. Wats.) Benth. & Hook.	Infreq	(W) Wooded areas, damp sites				x	x		
Erythronium grandiflorum Pursh var. grandiflorum	Occas	Open woods & open slopes			x	x	x		
Fritillaria atropurpurea Nutt.	Infreq	Open slopes & woods	x		x		x		
F. pudica (Pursh) Spreng.	Infreq	Sagebrush phase	x		x				
Smilacina racemosa (L.) Desf.	Freq	Moist woods & meadows			x	x	x		
S. stellata (L.) Desf.	Occas	Moist woodlands			x	x	x		
Streptopus amplexifolius (L.) DC var. chalazatus Fassett	Infreq	Moist woodland					x		
Tofieldia glutinosa(Michx.) Pers.	Infreq	Moist woodland					x		
Trillium ovatum Pursh	Occas	(W) Moist woods & meadows			x	x	x		
Veratrum californicum Durand	Occas	Moist to wet sites			x		x		
V. viride Ait.	L Abun	Wet woodland & meadows					x		
Xerophyllum tenax (Pursh) Nutt.	Common	(N) Open woods					x		
Zigadenus elegans Pursh	Occas	Meadows & wet woods					x		
Z. paniculatus (Nutt.) Wats.	Occas	Sagebrush phase	x	x	x				
IRIDACEAE - Iris F.									
Sisyrinchium inflatum(Suksd.) St. John	Infreq	Open woods & slopes		x	x				
ORCHIDACEAE - Orchid F.									
Corallorhiza maculata Raf.	Infreq	Moist woods			x		x		
Goodyera oblongifolia Raf.	Occas	Damp woodland				x	x		
Habenaria dilatata (Pursh) Hook. var. leucostachys (Lindl.) Ames	Occas	Boggy areas				x	x		
H. saccata Greene	Infreq	Streamside shade					x		
H. unalascensis (Spreng.) Wats.	Infreq	Woods & open slopes					x		
Listera caurina Piper	Infreq	Moist woodlands & slopes					x		
Spiranthes romanzoffiana Cham.	Occas	Meadow						x	

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SALICACEAE - Willow F.									
Populus tremuloides Michx.	Occas	Damp sites, deep soils			x				
Salix arctica Pall.		Alpine slopes & meadows							x
S. bebbiana Sarg.	Freq	Streamsides & canyon bottoms	x	x	x				
S. commutata Bebb	Occas	Meadows & wet woodlands					x		
S. scouleriana Barratt	Freq	Moist woods		x	x				
S. wolfii Bebb var. idahoensis Ball	Freq	Alluvial bottoms			x		x	x	
BETULACEAE - Birch F.									
Alnus incana (L.) Moench	Freq	Moist woods, damp sites					x		
A. sinuata (Regel) Rydb.	Occas	Moist woods & canyon bottoms					x		
Betula glandulosa Michx.	Occas	Streamside and alpine slopes		x	x				x
URTICACEAE - Nettle F.									
Urtica dioica L. ssp. gracilis (Ait.) Seland.	Infreq	Streamside, moist sites	x		x				
SANTALACEAE - Sandalwood F.									
Comandra umbellata (L.) Nutt. var. pallida (DC.) M. E. Jones	Occas	Open slopes	x	x	x				
POLYGONACEAE - Buckwheat F.									
Eriogonum chrysops Rydb.	Occas	Alpine tundra							x
E. compositum Dougl. var. leianthum Benth.	Infreq	Open dry slopes	x	x	x				
E. flavum Nutt.	L Abun	Open slopes & timber openings					x	x	
E. heracleoides Nutt. var. heracleoides	Freq	Sagebrush & open woods	x	x	x			x	
var. minus Benth.	Infreq	Open slopes		x					
E. mancum Rydb.	Infreq	Open slopes						x	x
E. ovalifolium Nutt. var. depressum Blank.	Occas	Cushion plant community							x
E. pyrolifolium Hook.	Occas	High slopes					x		x
E. umbellatum Torr. var. aridum (Greene) Hitchc.	Occas	Cushion plant community							x
var. stellatum (Benth.) Jones	Occas	Open slope (Mid. Fk. Payette R.)			x				
var. subalpinum (Greene) Jones	Freq	Open slopes	x	x	x		x		
E. vimineum Dougl.	Freq	Warm-dry sites		x					
Oxyria digyna (L.) Hill	Infreq	Rocky peaks							x
Polygonum bistortoides Pursh	Occas	Wet woodlands & meadows					x		
P. douglasii Greene	Occas	Disturbed areas		x				x	

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Polygonum majus (Meisn.) Piper	Occas	Dryer sites		x					
P. phytolaccaefolium Meisn.	L Abun	Open slopes					x		
P. viviparum L.	Occas	High elevation meadows							x
Rumex acetosella L.	Freq	Roadside weed		x	x		x	x	
R. paucifolius Nutt.	Infreq	Meadows & damp slopes						x	
CHENOPODIACEAE - Goosefoot F.									
Chenopodium album L.	Occas	Disturbed areas	x	x	x				
PORTULACACEAE - Purslane F.									
Claytonia lanceolata Pursh	Infreq	Damp sites					x		
Lewisia pygmaea (Gray) Robins.	Occas	Upper elevation, damp sites					x		x
Montia cordifolia (Wats.) Pax & K. Hoffm.	Occas	Damp to wet sites		x	x		x		
M. linearis (Dougl.) Greene	Occas	Moist sites	x	x					
M. perfoliata (Donn) Howell	Occas	Moist sites					x		
M. siberica (L.) Howell	Occas	Moist shade					x		
Spraguea umbellata Torr.	Occas	Often disturbed open areas					x		x
CARYOPHYLLACEAE - Pink F.									
Arenaria aculeata Wats.	Freq	Rather dry sites		x			x		x
A. congesta Nutt. var. congesta	Occas	Dry to moist sites			x			x	x
var. lithophila Rydb.	Occas	Dry to moist sites							x
A. macrophylla Hook.	Freq	Wooded areas		x	x	x	x		
A. obtusiloba (Rydb.) Fern.	Freq	Cushion pl. com. & subalpine					x		x
Silene acaulis L.	Freq	Cushion pl. com. & " ridges							x
S. douglasii Hook.	Occas	Open areas					x		
S. menziesii Hook.	Freq	Moist often disturbed sites				x	x		
S. oregana Wats.	Infreq	Moist slopes		x				x	
S. repens Pers.	Occas	Cushion plant community							x
Spergularia rubra(L.) J.&C.Presl.	Occas	Bare areas, open sites					x	x	
Stellaria jamesiana Torr.	Occas	Wooded sites, moist			x				
S. longipes Goldie	Infreq	Moist sites					x		
S. obtusa Engelm.	Infreq	Damp site						x	
PAEONIACEAE - Peony F.									
Paeonia brownii Dougl.	Occas	Open areas & open timber	x	x	x	x			
RANUNCULACEAE - Crowfoot F.									
Aconitum columbianum Nutt.									
var. columbianum	Occas	Damp woods & riparian sites					x		
var. ochroleucum A. Nels.	Occas	Damp woods					x		

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Actaea rubra (Ait.) Willd.	Infreq	Moist woods					x		
Anemone drummondii Wats. var. drummondii	Occas	Open slopes & cushion pl.com.					x		x
A. piperi Britt.	Occas	Moist woods				x	x		
Aquilegia flavescens Wats.	Occas	Moist woods					x		
A. formosa Fisch.	Occas	Moist woods				x	x		
Caltha biflora DC.	L Abun	Wet woods					x		
var. rotundifolia (Huth)Hitchc.	L Abun	Wet woods					x		
C. leptosepala DC.	Occas	High meadows					x		
Clematis columbiana(Nutt.) T. & G.	Infreq	Open woods & open areas				x	x		
C. hirsutissima Pursh	Occas	Warm-dry sites	x	x		x			
Delphinium andersonii Gray ssp. megacarpum (Nels. & Macbr.) D. Southerland	Infreq	Sagebrush areas generally	x	x					
D. depauperatum Nutt.	Occas	Damp sites					x		
D. menziesii DC. ssp. utahense D. Southerland	Occas	Open areas		x	x			x	
Ranunculus acriformis Gray	Infreq	Riparian area					x		
R. alismaefolius Geyer var. hartwegii (Greene) Jeps.	Occas	Meadows					x		
R. eschscholtzii Schlecht.	Occas	High elevation meadows					x		
R. flammula L.	L Abun	Damp sites						x	
R. uncinatus D. Don	Infreq	Tall forb opening			x				
Thalictrum occidentale Gray	Common	Generally open woods		x	x	x	x		
T. sparsiflorum Turcz.	Infreq	Damp sites			x				
Trautvetteria caroliniensis(Walt.) Vail	Occas	Damp woods					x		
Trollius laxus Salisb.	Occas	Damp to wet woods					x		
BERBERIDACEAE - Barberry F.									
Berberis repens Lindl.	Occas	Open & wooded slopes			x	x	x		
FUMARIACEAE - Fumitory F.									
Corydalis caseana Gray var. cusickii (Wats.) C. L. Hitchc.									
Dicentra cucullaria (L.) Bernh.	Infreq	Moist woods					x		
CRUCIFERAE - Mustard F.									
Alyssum desertorum Stapf.	Occas	River bottom (E. Fk. Salmon)	x						
Arabis crucisetosa Const. & Roll.	Occas	CELE type	x						
A. divaricarpa A. Nels.	Occas	Open areas & open timber	x	x					
A. drummondii Gray	Occas	Open areas					x		
A. glabra (L.) Bernh.	Infreq	Roadside area					x		

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Arabis holboellii Hornem.									
var. pendulocarpa(A.Nels)Roll.	Occas	Open dry slopes	x	x	x		x		
var. pinetorum(Tides.) Roll.	Occas	Open dry slopes	x	x	x				
var. retrofracta(Grah.) Rydb.	Occas	Open dry slopes	x	x	x				
A. microphylla Nutt.	Local	Snowbank area							x
A. sparsiflora Nutt.	Infreq	Open & open woods	x		x				
A. suffrutescens Wats.	Infreq	Open slopes & ridges					x		
Cardamine cordifolia Gray	Occas	Damp sites					x		
C. pulcherrima (Robbins.) Greene	Infreq	Damp woods					x		
Descurainia richardsonii (Sweet) Schultz					x				
var. sonnei (Robins) Hitchc.	Occas	Timber type					x		
Draba apiculata Hitchc.	Occas	Alpine slope							x
D. densifolia Nutt.	Occas	Rocky peak							x
D. oligosperma Hook.	Occas	Cushion plant community							x
D. sphaerocarpa Macbr. & Peys.	Occas	Alpine ridge&slopes(ST Mts.)							x
Erysimum aspermum (Nutt.) DC.	Occas	AGSP h.t.			x				
E. occidentale (Wats.) Robins.	Occas	Sagebrush type	x						
Phoenicaulis cheiranthoides Nutt.	Infreq	AGSP h.t.		x					
Physaria geyeri (Hook.) Gray	Occas	Open slopes & open timber	x	x	x				
P. oregana Wats.	Occas	Warm dry sites	x		x				
Smelowskia calycina(Steph.)C.A.Mey.	Occas	Cushion plant community							x
Thlaspi fendleri Gray var. idahoense (Pays.) Hitchc.	Occas	Open timber (PUTR h.t.)		x					
Thysanocarpus curvipes Hook.	Freq	AGSP type (Hells Canyon)			x				
CRASSULACEAE - Stonecrop F.									
Sedum debile Wats.	Infreq	Open slope					x		
S. lanceolatum Torr.		Open slopes & open timber			x		x	x	x
S. leibergii Britt.	L Freq	Mt. brush&AGSP (Hells Canyon)	x		x				
S. stenopetalum Pursh	Occas	Open slopes		x	x		x		x
SAXIFRAGACEAE - Saxifrage F.									
Heuchera cylindrica Dougl.	Occas	Rocky slopes				x	x		
H. grossulariifolia Rydb.	Occas	Moist open slopes			x		x		
Lithophragma bulbifera Rydb.	Occas	Open forests & sagebrush	x	x	x				
L. parviflora (Hook.) Nutt.	Occas	Open forests & sagebrush	x	x	x				
Mitella pentandra Hook.	Infreq	Wet woodland					x		
M. stauropetala Piper	Occas	Moist woods				x	x		
Parnassia fimbriata Konig.	Infreq	Wet streamside					x	x	
Saxifraga arguta D. Don	Occas	Damp woods					x		
S. bronchialis L.	Occas	Cushion plant community							x
S. integrifolia Hook. var. columbiana (Piper) Hitchc.	Infreq	Damp woods					x		
S. occidentalis Wats. var. idahoensis (Piper) Hitchc.	Infreq	Damp sites			x		x		

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Saxifraga oregana Howell var. montanensis (Small) Hitchc.	Infreq	Meadows & cushion plant com.					x		x
S. rhomboidea Greene	Infreq	Seeps & damp terraces					x		x
Tiarella trifoliata L.	Infreq	Damp woods					x		
GROSSULARIACEAE - Currant F.									
Ribes aureum Pursh	Occas	Open woods			x				
R. cereum Dougl. var. cereum		Open slopes & woods		x	x		x		
var. colubrinum Hitchc.		(W) Open woods (Snake River)		x					
R. hudsonianum Richards. var. petiolare (Dougl.) Jancz.	Occas	Streambanks & damp woods					x		
R. inerme Rydb.	Occas	Damp site, open or woods			x				
R. irriguum Dougl.	Occas	Open woods			x				
R. lacustre (Pers.) Poir.	Occas	Wet or damp sites			x	x	x		
R. montigenum McClatchie	Occas	Open woods & slopes			x		x		x
R. niveum Lindl.	Occas	Streamsides & slopes			x				
R. viscosissimum Pursh var. viscosissimum	Occas	Moist woods & slopes			x				
HYDRANGEACEAE - Hydrangea F.									
Philadelphus lewisii Pursh	Freq	Brushy slopes & canyons		x					
ROSACEAE - Rose F.									
Amelanchier alnifolia Nutt.	Freq	Woods and open slopes		x	x	x	x		
Cercocarpus ledifolius Nutt. var. intercedens C. K. Schneider	L Abun	Mountain slopes	x		x				
Fragaria vesca L. var. bracteata (Heller) Davis	Freq	Moist woods			x	x			
F. virginiana Duchesne var. platypetala (Rydb.) Hall	Freq	Open woods		x	x	x	x		
Geum macrophyllum Willd.	Occas	Moist woods & streambanks				x	x		
G. rossii (R. Br.) Ser.	Freq	Cushion plant community							x
G. triflorum Pursh var. ciliatum (Pursh) Fassett	Occas	Moist sites	x	x	x			x	
Holodiscus discolor (Pursh) Maxim.	Occas	Open woods				x			
H. dumosus (Hook.) Heller var. dumosus	Occas	AGSP h.t. (Lester Cr. BoiseNF)		x					
Horkelia fusca Lindl.	Infreq	ARTR phase			x				
Ivesia gordonii (Hook.) T. & G.	Freq	Cushion plant community							x
Physocarpus malvaceus (Greene) Kuntze	L Abun	Woodlands & slopes			x	x	x		
Potentilla arguta Pursh	Freq	Grass meadow		x					
P. diversifolia Lehm. var. diversifolia	Freq	Lake shores to alpine turf					x		x

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Potentilla flabellifolia Hook.	Infreq	Wet woodland					x		
P. fruticosa L.	Occas	Meadows and slopes					x	x	
P. glandulosa Lindl. var. intermedia (Rydb.) Hitchc.		Open timber & open slopes			x	x	x		
P. gracilis Dougl. var. brunnescens (Rydb.) Hitchc.	Occas	Open timber		x	x				
var. pulcherrima (Lehm.) Fern.	Occas	Meadows & open woods			x		x		
Prunus emarginata (Dougl.)Walp.	Occas	Moist woods & grasslands			x	x	x		
P. virginiana L. var. melanocarpa (A. Nels.) Sarg.	Freq	Moist woods & streambanks		x	x	x			
Purshia tridentata (Pursh) DC.	L Abun	Dry woods and slopes	x	x	x				
Rosa gymnocarpa Nutt.	Occas	(W) Moist woods			x	x	x		
R. woodsii Lindl. var. ultramontana(Wats.) Jeps.	Freq	Woodlands & canyon bottoms		x	x				
Rubus parviflorus Nutt.	Occas	Open woods				x	x		
Sanguisorba sitchensis C.A.Meyer	Occas	Meadow edge						x	
Sorbus scopulina Greene	Occas	Damp woods			x	x	x		
Spiraea betulifolia Pall.	Freq	Warm dry to moist cool woods			x	x	x		
S. densiflora Nutt.	Infreq	Wet woods					x		
S. douglasii Hook. var. roseata (Rydb.) Hitchc.	Occas	Streambank & meadows		x		x		x	
LEGUMINOSAE - Pea F.									
Astragalus agrestis Dougl.	Infreq	Damp woods			x				
A. alpinus L.	L Abun	Damp site under tree						x	
A. cusickii Gray var. flexilipes Barneby	Occas	(W) ARTR type			x				
A. kentrophyta Gray var. implexus (Canby) Barneby	Occas	Cushion plant community							x
A. miser Dougl.	Occas	Cushion plant community							x
A. oniciformis Barneby	Freq	Foothills of Sawtooth Mts.	x						
A. platytropis Gray	Occas	Sage-grass community	x						
A. purshii Dougl.	Occas	Sage-grass community	x						
A. vexilliflexus Sheld.	Freq	Cushion plant community							x
A. whitneyi Gray	Occas	Open slopes					x		
Lathyrus bijugatus White	Infreq	Brush type (W.Fk. Weiser R.)		x					
L. lanszwertii Kell. var. lanszwertii	Infreq	Aspen area (Price Valley GS)		x					
var. aridus (Piper) Jeps.	Occas	Warm dry sites		x	x				
L. nevadensis Wats. var. cusickii (Wats.) Hitchc.									
L. pauciflorus Fern. var. utahensis (M.E.Jones)Peck	Freq	(W) Woods		x	x				
L. rigidus White	Infreq	Woodland (Brownlee GS)		x					
Lotus corniculatus L.	L Abun	Road clearing						x	
L. purshianus(Benth.) Clem. & Clem.	L Abun	Roadside		x	x				

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Lupinus argenteus Pursh var. depressus (Rydb.) Hitchc.	Occas	Cushion plant community							x
var. stenophyllus(Rydb.)Davis	Freq	Open woods & open hillsides			x		x		
L. caudatus Kell.	Occas	Warm dry sites	x	x	x				
L. holosericeus Nutt.	Occas	Woods & sagebrush slopes		x				x	
L. laxiflorus Dougl. var. calcaratus (Kell.) C.P.Smith	Freq	Open areas	x	x	x				
var. laxiflorus	Occas	AGSP-brush type			x				
L. lepidus Dougl. var. lobbii (Gray) Hitchc.	L Freq	(W) Subalpine forest& slopes					x		x
var. utahensis (Wats.) Hitchc.	Occas	Open woods & slopes					x	x	
L. leucophyllus Dougl.	Occas	Sagebrush-grass	x						
L. polyphyllus Lindl. var. burkei (Wats.) Hitchc.	L Abun	Wet streambanks					x		
L. sericeus Pursh	Freq	Open woods and slopes			x		x	x	
L. wyethii Wats.	Occas	Open slopes (Hd. Panther Cr.)			x			x	
Oxytropis campestris (L.) DC. var. cusickii(Greenm.) Barneby	Occas	Open ridge			x				
O. sericea Nutt.	Occas	Cushion plant community							x
O. viscida Nutt.	Freq	Cushion plant community							x
Thermopsis montana Nutt.	Occas	Open woods & streamsides				x			
Trifolium gymnocarpon Nutt.	Occas	Woods & openings	x	x				x	
T. longipes Nutt.	Occas	Woods & openings					x	x	
T. macrocephalum (Pursh) Poiret	L Freq	Open woods & slopes	x	x					
Vicia americana Muhl. var. truncata (Nutt.) Brew.	Occas	Woodland		x	x				
GERANIACEAE - Geranium F.									
Geranium viscosissimum F. & M. var. viscosissimum	Occas	Tall forb openings			x	x	x		
var. nervosum (Rydb.) Hitchc.	Freq	Open timber & slopes		x	x				
LINNACEAE - Flax F.									
Linum lewisii Pursh	Occas	Open hillsides	x						
LIMNANTHACEAE - Meadow-Foam F.									
Floerkea proserpinacoides Willd.	Infreq	Moist streamside						x	
CELASTRACEAE - Staff-Tree F.									
Pachistima myrsinites(Pursh) Raf.	Infreq	Damp woods					x		
ACERACEAE - Maple F.									
Acer glabrum Torr.	Occas	Moist woods & openings			x	x	x		

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
RHAMNACEAE - Buckthorn F.									
Ceanothus sanguineus Pursh	L Freq	(W) Open woods & open areas				x	x		
C. velutinus Dougl.	Occas	Open woods & open areas			x	x	x		
Rhamnus alnifolia L'Her	Infreq	Roadside			x		x		
MALVACEAE - Mallow F.									
Iliamna rivularis (Dougl.) Greene	Occas	Roadbanks & old burns			x		x		
Sidalcea neomexicana Gray	Infreq	Open timber, timber edge			x				
S. oregana (Nutt.) Gray	Infreq	Open timber, timber edge		x	x				
HYPERICACEAE - St.John's-wort F.									
Hypericum anagalloides C. & S.	Infreq	Meadows						x	
H. formosum H.B.K. ssp. scouleri (Hook.) Hitchc.	Occas	Timber opening					x		
VIOLACEAE - Violet F.									
Viola adunca Sm.	Occas	Moist woods & meadows			x	x	x	x	
V. canadensis L.	Infreq	Wet site				x			
V. macloskeyi Lloyd	L Freq	Wet woodland					x		
V. nuttallii Pursh var. vallicola(A. Nels.)St.John	Occas	Open dry woods & open areas	x		x				
V. orbiculata T. & G.	Freq	Moist shady woods					x		
V. purpurea Kell.	Occas	Moist woods			x	x	x		
LOASACEAE - Blazing Star F.									
Mentzelia albicaulis Dougl.	Infreq	Dry woodland			x				
ELAEAGNACEAE - Oleaster F.									
Shepherdia canadensis (L.) Nutt.	Occas	Moist woods & openings			x	x	x		
ONAGRACEAE - Evening Primrose F.									
Boisduvalia stricta (Gray) Greene	Infreq	Damp site			x				
Circaea alpina L.		Damp shade					x		
Clarkia pulchella Pursh	Occas	(W) Open woods		x	x				
C. rhomboidea Dougl.	Occas	(W) Open woods		x	x				
Epilobium alpinum L. var. nutans (Hornem.) Hook.	Freq	Wet woodland & streamsides					x		
E. angustifolium L.	Common	Open damp woods, cutover areas			x	x	x	x	
E. glaberrimum Barbey	Occas	Wet to damp sites					x	x	

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Epilobium glandulosum Lehm.									
var. glandulosum	Occas	Damp woods					x		
var. macounii (Trel.) Hitchc.	Occas	Damp woods					x		
var. tenue (Trel.) Hitchc.	Infreq	Wet site			x				
E. obcordatum Gray	Occas	Alpine slopes & meadows							x
E. paniculatum Nutt.	Occas	Dry slopes		x	x				
E. suffruticosum Nutt.	Occas	Associated with Salix, damp						x	
E. watsonii Barbey									
var. occidentale (Trel.) Hitchc.	Infreq	Damp road drain			x				
Gayophytum humile Juss.		Dry woods & roadside			x	x		x	
UMBELIFERAE - Parsley F.									
Angelica arguta Nutt.	Occas	Damp to wet woodland					x		
Cymopterus glaucus Nutt.	Infreq	High elevation open woods					x		
Ligusticum canbyi Coult. & Rose	Occas	Damp to wet woods					x		
L. tenuifolium Wats.	Occas	Subalpine meadows & woods					x		
Lomatium dissectum(Nutt.)Math & Const. var. multifidum (Nutt.) Math.& Const.	Freq	Warm dry sites	x	x	x				
L. grayi Coult. & Rose	Occas	Warm dry sites	x	x	x				
L. idahoense Math. & Const.	Occas	Open slopes & woods			x				
L. nudicaule (Pursh) Coult.&Rose	Freq	Open areas, scabland	x	x					
L. triternatum(Pursh)Coult.& Rose	Occas	Open woods & slopes	x	x					
Osmorhiza chilensis H. & H.	Freq	Moist woods			x		x		
O. depauperata Phil.	Occas	Moist woods			x		x		
O. occidentalis (Nutt.) Torr.	Freq	Moist woods & slopes		x	x	x	x		
Perideridia bolanderi(Gray) Nels. & McBr.	Occas	Warm dry woods & open slopes			x				
CORNACEAE - Dogwood F.									
Cornus stolonifera Michx. var. occidentalis (T. & G.) Hitchc.	Occas	Riparian sites					x		
ERICACEAE - Heath F.									
Arctostaphylos uva-ursi(L.)Spreng.	L Abun	Dry woods			x			x	
Cassiope mertensiana (Bong.)G.Don	L Abun	Open timber & meadows					x		
Chimaphila menziesii(R.Br.)Spreng.	Infreq	Damp woods				x	x		
C. umbellata (L.) Bart.	Freq	Damp woods			x	x	x		
Gaultheria ovatifolia Gray	Infreq	Damp woods					x		
Ledum glandulosum Nutt.	Occas	Damp to wet woodlands					x		
Menziesia ferruginea Smith	L Abun	(W) Moist woods					x		
Monotropa uniflora L.	Infreq	Deep shade					x		
Phyllodoce empetriformis(Sw.)D.Don	L Abun	Damp woods					x		
P. glanduliflora (Hook.) Coville		Alpine meadow							x
Pterospora andromedea Nutt.	Infreq	Deep forest			x		x		

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Pyrola asarifolia Michx.	Occas	Moist woods					x		
P. dentata Smith	Infreq	Woodlands			x		x		
P. minor L.	Infreq	Damp woods					x		
P. picta Smith	Infreq	Damp woods			x	x	x		
P. secunda L.	Freq	Damp woods				x	x	x	
P. uniflora L.	Infreq	Moist woods					x		
P. virens Schweigg	Infreq	Moist woods					x		
Vaccinium caespitosum Michx.	Freq	Moist woods					x	x	
V. globulare Rydb.	Common	Moist woods			x	x	x		
V. myrtillus L.	L Abun	Moist woods					x		
V. occidentale Gray	Infreq	Moist woods					x		
V. scoparium Leib.	Freq	Moist woods					x	x	
PRIMULACEAE - Primrose F.									
Androsace septentrionalis L. var. puberulenta Rydb.	Occas	Open sites (ARTR)	x	x					
Dodecatheon jeffreyi van Houtte	Freq	Moist to wet woods					x		
Primula cusickiana Gray	Freq	Open woods & slopes			x				
GENTIANACEAE - Gentian F.									
Frasera montana Mulford	Freq	Open woods & slopes		x	x		x		
F. speciosa Dougl.	Infreq	Open woods & slopes			x				
Gentiana affinis Griseb.	Infreq	Meadows					x		
G. amarella L.	Infreq	Meadows					x		
G. calycosa Griseb.	Infreq	Meadows					x		
Swertia perennis L.	L Freq	Wet meadows & streamsides					x		
APOCYNACEAE - Dogbane F.									
Apocynum androsaemifolium L. var. pumilum Gray	Occas	Dry sites in timber areas		x	x	x	x		
POLEMONIACEAE - Phlox F.									
Collomia grandiflora Dougl.	Infreq	Open slopes			x	x			
C. linearis Nutt.	Freq	Warm dry sites		x	x				
C. tenella Gray	Occas	Open sites			x				
Gilia aggregata (Pursh) Spreng.	Occas	Open woods & slopes		x	x		x		
G. capillaris Kell.	Occas	(W) Open slope			x				
G. congesta Hook. var. viridis Cronq.	L Abun	Open slopes & cushion com.					x		x
G. spicata Nutt.	Occas	Cushion plant community							x
Gymnosteris nudicaulis (H.&A.) Greene	Infreq	Open dry sites		x					
Linanthastrum nuttallii (Gray) Ewan	Occas	Open woods & slopes			x		x		
Microsteris gracilis (Hook.) Greene	Infreq	Open areas					x		

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Phlox albomarginata M. E. Jones	Freq	Open alpine slopes							x
P. hoodii Rich.	L Abun	Open timber slopes			x		x		
P. longifolia Nutt.	Occas	Dry open slopes			x			x	
P. multiflora A. Nels.	Infreq	Open ridges & slopes	x	x	x				
P. pulvinata (Wherry) Cronq.	Occas	Cushion plant community							x
Polemonium occidentale Greene	Occas	Wet woods & meadows					x	x	
P. pulcherrimum Hook. var. calycinum (Eastw.) Brand	Occas	Damp woodland				x			
P. viscosum Nutt.	Occas	Alpine slopes							x
HYDROPHYLLACEAE - Waterleaf F.									
Hydrophyllum capitatum Dougl.	Occas	Moist woodlands	x	x	x				
Nemophila breviflora Gray	Occas	Woods					x		
N. parviflora Dougl. var. austiniae(Eastw.) Brand	Occas	Woods		x	x				
Phacelia hastata Dougl. var. alpina (Rydb.) Cronq.	Occas	Open slopes		x	x		x		x
P. heterophylla Pursh	Occas	Dry open areas			x				
P. idahoensis Henderson	Infreq	Damp sites	x	x					
P. linearis (Pursh) Holz.	Occas	Open areas		x	x				
P. sericea (Grah.) Gray	Occas	Cushion plant community							x
BORAGINACEAE - Borage F.									
Cryptantha ambigua (Gray) Greene	Occas	Open areas					x		
C. echinella Greene	Occas	Dry woods & open areas		x	x				
C. intermedia (Gray) Greene var. grandiflora(Rydb.) Cronq.	Occas	Open areas			x	x			
C. nubigena (Greene) Pays.	Occas	Open slopes							x
C. torreyana (Gray) Greene	Infreq	Open areas					x		
Hackelia floribunda(Lehm.) Johnst.	Infreq	Open slopes				x			
H. micrantha (Eastw.) J. L. Gentry	Occas	Damp forest opening			x		x		
H. patens (Nutt.) Johnst.	Occas	(E) Open slopes			x		x		
Lithospermum ruderale Dougl.	Occas	Open woods & slopes	x	x	x				
Mertensia campanulata A. Nels.	Infreq	Damp sites		x					
M. ciliata (Torr.) G. Don	Occas	Damp to wet sites			x		x		
M. longiflora Greene		Rocky slopes (spring flower)	x						
M. oblongifolia (Nutt.) G. Don	Occas	Open areas & slopes	x	x	x			x	
M. paniculata (Ait.) G. Don	Occas	Moist woods					x		
M. viridis A. Nels.	Occas	Open rocky slopes							x
Plagiobothrys scouleri (H. & A.) Johnst.	L Freq	Open sites					x		

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
LABIATAE - Mint F.									
Agastache urticifolia(Benth)Kunze	Occas	Open areas			x		x		
Scutellaria angustifolia Pursh	Common	AGSP openings			x				
SCROPHULARIACEAE - Figwort F.									
Besseya rubra (Dougl.) Rydb.	Infreq	Open woods & slopes			x				
Castilleja applegatei Fern. var. fragilis (Zeile)N. Holmgr.	Freq	Open slopes		x	x	x			
C. chromosa A. Nels.	Occas	Open slopes	x						
C. covilleana Henders.	Occas	Open slopes & raw banks					x		
C. cusickii Greenm.	L Abun	Damp meadows					x	x	
C. flava Wats.	Occas	Sagebrush-grass type	x						
C. gracillima Rydb.	Infreq	Wet meadows						x	
C. longispica A. Nels.	Infreq	Meadows & brushlands	x						
C. miniata Dougl.	Freq	Open woods & open slopes			x		x		
C. pallescens (Gray) Greenm.	Infreq	LPP-FEID h.t.						x	
C. rhexifolia Rydb.		Damp to wet site open areas					x		
C. rustica Piper	Occas	Open dry slopes	x						
C. sulphurea Rydb.	Infreq	Meadows & slopes					x		
Chionophila tweedyi(Canby & Rose) Henders.	Freq	Open timber & open slopes					x		x
Collinsia grandiflora Lindl.	L Abun	Talus slope, scattered DF			x				
C. parviflora Lindl.	Occas	Damp sites, open areas			x	x	x	x	
Cordylanthus capitatus Nutt.	Freq	DF-ARTR type	x		x				
Mimulus guttatus DC.	Occas	Wet site						x	
M. lewisii Pursh	Occas	Streamsides				x	x	x	
M. moschatus Dougl.	Infreq	Streamsides				x			
M. nanus H. & A.	Occas	Dry warm sites	x		x				
M. primuloides Benth.	L Freq	Wet meadow					x		
M. tilingii Regel var. caespitosus(Greene) Grant	Infreq	Streamside						x	
Pedicularis bracteosa Benth.	Occas	Riparian					x		
P. contorta Benth.	Infreq	Woods & open sites					x	x	
P. groenlandica Retz.		Damp site & wet meadows					x	x	
P. parryi Gray	L Abun	Sedge meadow						x	
P. racemosa Dougl.	Occas	Woodland & open areas				x	x		
Penstemon albertinus Greene	Infreq	Open slopes			x		x		
P. attenuatus Dougl. var. militaris (Greene) Cronq.	Occas	Open woods & slopes					x	x	
P. deustus Dougl. var. deustus		Dry open sites	x	x	x				
P. eriantherus Pursh var. redactus Pennell & Keck	Infreq	Open slopes&scattered timber	x	x	x				
P. fruticosus (Pursh) Greene	Occas	Open woods & slopes			x		x		
P. gairdneri Hook. var. oreganus Gray	L Abun	Payette scablands	x	x	x				

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Penstemon glandulosus Dougl.	Occas	Brushland coves	x	x					
P. globosus(Piper) Pennell & Keck	Freq	Moist slopes		x	x			x	
P. humilis Nutt.	Freq	Open woods & slopes	x	x	x		x	x	
P. laxus A. Nels.	Occas	Sparse woods & openings		x	x				
P. montanus Greene var. idahoensis (Keck) Cronq.	L Abun	Colluvial slopes					x		x
P. payettensis Nels. & Macbr.	Occas	Open woods & mountain brush		x	x				
P. procerus Dougl.	Occas	Dry meadow & open slopes		x	x		x		
P. pumilus Nutt.	Occas	Open slopes - dry sites	x	x					
P. wilcoxii Rydb.	Freq	(W) Open woods & slopes			x	x	x		
Synthyris missurica(Raf.) Pennell	Occas	Open woods & slopes					x		
S. pinnatifida Wats. var. canescens(Pennell) Cronq.	Occas	Cushion plant community							x
Tonella floribunda Gray		Brush-grass type			x				
Veronica americana Schwein.	Occas	Wet streamside				x			
V. biloba L.	Occas	Disturbed areas		x					
V. cusickii Gray	Freq	Moist open slopes, Sawtooth Mts.					x		x
V. wormskjoldii Roem. & Schult.	Occas	Meadows					x		
PLANTAGINACEAE - Plantain F.									
Plantago lanceolata L.	Occas	Dry meadow		x					
RUBIACEAE - Madder F.									
Galium aparine L. var. echinospermum (Wallr.) Farw.	Freq	Warm-dry sites		x	x				
G. asperrimum Gray	Occas	Shady sites			x		x		
G. bifolium Wats.	Occas	Moist shade			x			x	
G. boreale L.	Infreq	One record from aspen type							
G. multiflorum Kell.	Infreq	Open ridges & slopes		x	x				
G. triflorum Michx.	Occas	Generally moist woodland			x	x	x		
Kelloggia galioides Torr.	Infreq	Woods & open slopes			x	x	x		
CAPRIFOLIACEAE - Honeysuckle F.									
Linnaea borealis L. ssp. longiflora (Torre.) Hult.		Conifer woods				x	x		
Lonicera caerulea L.	Infreq	Moist woods					x	x	
L. involucrata (Rich.) Banks	Occas	Moist woods			x		x		
L. utahensis Wats.	Occas	Moist woods			x	x	x		
Sambucus racemosa L. var. melanocarpa (Gray) McMinn	Occas	Woods and open areas					x		
Symphoricarpos albus (L.) Blake	Freq	Woodland & open slopes			x	x			
S. oreophilus Gray var. utahensis (Rydb.) A. Nels.	Common	Damp woods & open areas		x	x		x		

SPECIES LIST

Species	Abun-dance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
VALERIANACEAE - Valerian F.									
Valeriana acutiloba Rydb.	Infreq	Open areas					x		
V. dioica L.	Freq	Moist woods				x	x		
V. edulis Nutt.	Infreq	Tall forb			x				
V. sitchensis Bong.	Freq	Moist woods & slopes				x	x		
COMPOSTIAE - Aster F.									
Achillea millefolium L. ssp. lanulosa (Nutt.) Piper		Gen. moist open&wooded sites	x	x	x	x	x		
Adenocaulon bicolor Hook.		Moist shade				x			
Agoseris aurantica (Hook.) Greene	Occas	Moist to dry sites		x	x		x		
A. glauca (Pursh) Raf.	Occas	Open parks	x				x		
Anaphalis margaritaceae (L.) B. & H.	Freq	Open woods & slopes			x		x		
Antennaria anaphaloides Rydb.	Occas	Open woods & slopes		x	x				
A. dimorpha (Nutt.) T. & G.	Occas	Dry slopes						x	x
A. flagellaris Gray	L Freq	Dry sites	x	x					
A. lanata (Hook.) Greene	Occas	Cushion plant community							x
A. microphylla Rydb.	Freq	Open woods & slopes	x	x	x		x		x
A. neglecta Greene	Infreq	Open woods			x				
A. racemosa Hook.	Occas	Damp woods			x		x		
A. umbrinella Rydb.	Occas	Open areas generally					x	x	
Arnica cordifolia Hook.	Freq	Woods		x		x	x		
A. latifolia Bong.	Freq	Moist woods & meadows					x		
A. longifolia D. C. Eat.	Occas	Gravelly streamside					x		
A. mollis Hook.	Occas	Moist to wet sites					x		
A. parryi Gray	Infreq	Woods						x	
A. rydbergii Greene	Infreq	Meadow					x		
A. sororia Greene	Occas	Open slopes			x				
Artemisia norvegica Fries	Occas	Cushion plant community							x
A. rigida (Nutt.) Gray	L Abun	Open scabland (Payette N.F.)	x	x					
A. tridentata Nutt. ssp. vaseyana (Rydb.) Beetle	Common	Dry warm sites	x	x	x				
Aster alpigenus (T. & G.) Gray var. haydenii (Porter) Cronq.	Occas	Open alpine & subalpine slopes						x	x
A. chilensis Nees ssp. adscendens (Lindl.) Cronq.	Occas	Open sites	x		x		x		
A. conspicuus Lindl.	Freq	Open woods			x	x	x		
A. foliaceus Lindl. var. canbyi Gray	Infreq	Open woods (dry)					x		
var. parryi (D. C. Eat.) Gray	Freq	Moist sites					x		
A. integrifolius Nutt.	Occas	Open woods			x		x	x	
A. occidentalis (Nutt.) T. & G.	Infreq	Roadbank (below Secesh Summit)						x	
A. perelegans Nels. & Macbr.	Occas	Open woods & slopes			x		x		
A. scopulorum Gray	Infreq	Dry open slopes	x					x	
A. stenomeres Gray	Freq	Open subalpine slopes					x	x	

SPECIES LIST

Species	Abundance	Habitat	Contig. Open Types	PP Series	DF Series	GF Series	AF Series	LPP Series	WBP-Alpine
Balsamorhiza sagittata (Pursh) Nutt.	Common	Open slopes	x	x	x		x		
Blepharipappus scaber Hook.	Occas	(W) Open areas	x	x	x				
Chaenactis alpina (Gray) Jones	Infreq	Open subalpine & alpine slopes					x		x
C. douglasii (Hook.) Hook.&Arn.	Occas	Dry open slopes	x	x					
C. evermannii Greene	Infreq	Talus slopes					x		x
Chrysanthemum leucanthemum L.	Local	Roadside - timber area				x			
Chrysothamnus viscidiflorus (Hook.) Nutt. var. lanceolatus (Nutt.) Greene	Occas	Open sites			x			x	
Cirsium scariosum Nutt.	Occas	Meadows & open benches			x	x	x		
C. subniveum Rydb.	Occas	High elevations							x
Crepis acuminata Nutt.	Occas	Open slopes	x	x	x		x	x	
C. atrabarba Heller	Infreq	Open slopes	x		x				
C. modocensis Greene	Infreq	(W) Open slopes		x	x				
Erigeron asperugineus (D.C.Eat.) Gray	Occas	Subalpine slopes					x		
E. compositus Pursh var. discoideus Gray var. glabratus Macoun	L Freq	Clay hill						x	
E. coulteri Porter	Occas	Wet meadows						x	
E. eatonii Gray	L Com	Open slopes	x	x	x		x	x	
E. evermannii Rydb.	Freq	Talus slopes					x		x
E. leiomerus Gray	Occas	Alpine tundra							x
E. linearis (Hook.) Piper	Occas	Sagebrush types to alpine sl.	x						x
E. peregrinus (Pursh) Greene ssp. callianthemus (Greene) Cronq.	Freq	Moist to wet sites					x		
var. scaposus (T. & G.) Cronq.	Occas	Alpine meadows							x
E. pumilus Nutt. var. gracilior Cronq.	Occas	Dry sites	x	x					
E. simplex Greene	Freq	Alpine tundra							x
E. speciosus (Lindl.) DC. var. macranthus (Nutt.) Cronq.	Occas	Open slopes		x	x				
Eriophyllum lanatum (Pursh) Forbes	Occas	Dry open areas		x	x		x		
Eupatorium occidentale Hook.	Infreq	Scree slope	x						
Haplopappus aberrans (S.Nels.) Hall	Infreq	Rock crevices							x
H. acaulis (Hutt.) Gray	Occas	Alpine tundra & sagebrush	x						x
H. carthamoides (Hook.) Gray var. cusickii Gray									
H. greenei Gray	L Freq	High elevation slopes					x		x
H. lanuginosus Gray var. andersonii (Rydb.) Cronq.	Freq	Open slopes		x			x	x	x
H. lyallii Gray	Freq	Alpine tundra							x
H. macronema Gray	Freq	Open alpine slopes							x
H. suffruticosus (Nutt.) Gray	Occas	Open subalpine slopes					x		
Helianthella uniflora (Nutt.) T.& G.	Occas	Open woods and slopes		x	x				
Hieracium albertinum Farr	Freq	Open woods & slopes (dry)		x	x		x		
H. albiflorum Hook.	Occas	Open woods & slopes (damp)			x	x	x		
H. gracile Hook.	Infreq	Open woods					x	x	
Hulsea algida Gray	Occas	Alpine slopes							x

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Hymenoxys grandiflora (T. & G.) Parker	Occas	Cushion plant community							x
Madia glomerata Hook.	Local	Disturbed sites						x	
Microseris nigrescens Henders.	Occas	Open woods & meadows		x	x			x	
M. nutans (Geyer) Schultz-Bip.	Freq	Open woods & slopes		x	x			x	
M. troximoides Gray	Infreq	Open woods & slopes	x	x					
Rudbeckia occidentalis Nutt.		Open woods & open areas			x		x		
Sassurea americana Eat.	Occas	Wet woods & streamside					x		
Senecio canus Hook.	Occas	Cushion plant community							x
S. crassulus Gray	Occas	Open parks & upland herb types			x		x		
S. cymbalarioides Nutt.	Occas	Woods & slopes		x	x		x		
S. fremontii T. & G.	Occas	Subalpine & alpine slopes					x		x
S. hydrophilus Nutt.	Infreq	Wet site		x	x				
S. indecorus Greene	Infreq	Damp site		x					
S. integerrimus Nutt. var. exaltatus (Nutt.) Cronq.	Freq	Open woods & open slopes	x	x	x			x	
S. lugens Rich.	Freq	Wet alpine meadows							x
S. pseudoaureus Rydb.	Occas	Moist shade & meadows		x			x		
S. serra Hook.	Occas	Open woods			x				
S. subnudus DC.	Occas	High mountain meadows					x		x
S. triangularis Hook.	Occas	Wet woods					x		
S. werneriaefolius Gray	Local	Talus slope							x
Solidago canadensis L.	Freq	Open woods & open slopes (damp)		x	x				
S. multiradiata Ait.	Freq	Open woods & open slopes			x		x	x	x
Taraxacum officinale Weber	Freq	Varied sites			x		x	x	
Townsendia montana Jones	Occas	Wet woods			x				
T. parryi Eat.	Occas	Open slopes	x						
Tragopogon dubius Scop.	Occas	Open sites		x	x				
Wyethia amplexicaulis Nutt.		Open slopes & meadows	x	x					
W. helianthoides Nutt.	L Abun	Meadows						x	

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